

## INTERNATIONAL SEARCH REPORT

 Int. Application No  
 PCT/IB2004/003652

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 C07D215/56 A61K31/496

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 A61K C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                                    | Relevant to claim No. |
|------------|---|-----------------------|
| X          | EP 0 230 295 A (KYORIN PHARMACEUTICAL CO., LTD) 29 July 1987 (1987-07-29)<br>cited in the application<br>example 14   | 1                     |
| X          | EP 0 805 156 A (KYORIN PHARMACEUTICAL CO., LTD) 5 November 1997 (1997-11-05)<br>cited in the application<br>example 1 | 1                     |
| X          | WO 02/22126 A (BRISTOL-MYERS SQUIBB COMPANY) 21 March 2002 (2002-03-21)<br>cited in the application<br>example 2      | 1                     |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

21 February 2005

Date of mailing of the international search report

01/03/2005

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/003652

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| EP 0230295                                | A | 29-07-1987          | JP 8009597 B               | 31-01-1996          |
|   |   |                     | JP 62252772 A              | 04-11-1987          |
|   |   |                     | AU 610491 B2               | 23-05-1991          |
|   |   |                     | AU 6769087 A               | 23-07-1987          |
|   |   |                     | CA 1340316 C               | 12-01-1999          |
|   |   |                     | CN 87100580 A ,C           | 19-08-1987          |
|   |   |                     | CY 2022 A                  | 20-02-1998          |
|   |   |                     | DE 3789878 D1              | 30-06-1994          |
|   |   |                     | DE 3789878 T2              | 05-01-1995          |
|   |   |                     | DE 10299006 I1             | 04-07-2002          |
|   |   |                     | EP 0230295 A2              | 29-07-1987          |
|   |   |                     | HK 79797 A                 | 20-06-1997          |
|   |   |                     | HU 43583 A2                | 30-11-1987          |
|   |   |                     | JP 2631640 B2              | 16-07-1997          |
|   |   |                     | JP 7304706 A               | 21-11-1995          |
|   |   |                     | JP 2640441 B2              | 13-08-1997          |
|   |   |                     | JP 7304742 A               | 21-11-1995          |
|   |   |                     | JP 2598737 B2              | 09-04-1997          |
|   |   |                     | JP 6092937 A               | 05-04-1994          |
|   |   |                     | JP 6080640 A               | 22-03-1994          |
|   |   |                     | KR 9407308 B1              | 12-08-1994          |
|   |   |                     | NL 300110 I1               | 03-02-2003          |
|   |   |                     | US 4980470 A               | 25-12-1990          |
|   |   |                     | US 5043450 A               | 27-08-1991          |
| EP 0805156                                | A | 05-11-1997          | JP 3449658 B2              | 22-09-2003          |
|   |   |                     | JP 8176143 A               | 09-07-1996          |
|   |   |                     | AT 216381 T                | 15-05-2002          |
|   |   |                     | AU 694946 B2               | 06-08-1998          |
|   |   |                     | AU 3994695 A               | 10-07-1996          |
|   |   |                     | DE 69526453 D1             | 23-05-2002          |
|   |   |                     | DE 69526453 T2             | 12-12-2002          |
|   |   |                     | DK 805156 T3               | 06-05-2002          |
|   |   |                     | EP 0805156 A1              | 05-11-1997          |
|   |   |                     | US 5880283 A               | 09-03-1999          |
|   |   |                     | CA 2208704 A1              | 27-06-1996          |
|   |   |                     | CN 1171108 A ,C            | 21-01-1998          |
|   |   |                     | ES 2173982 T3              | 01-11-2002          |
|   |   |                     | HU 77945 A2                | 28-12-1998          |
|   |   |                     | WO 9619472 A1              | 27-06-1996          |
|   |   |                     | PT 805156 T                | 30-09-2002          |
|   |   |                     | TW 393479 B                | 11-06-2000          |
| WO 0222126                                | A | 21-03-2002          | AU 8659201 A               | 26-03-2002          |
|   |   |                     | BR 0113866 A               | 06-07-2004          |
|   |   |                     | CA 2422616 A1              | 21-03-2002          |
|   |   |                     | EP 1326612 A1              | 16-07-2003          |
|   |   |                     | HU 0300972 A2              | 29-09-2003          |
|   |   |                     | JP 2004508403 T            | 18-03-2004          |
|   |   |                     | WO 0222126 A1              | 21-03-2002          |
|   |   |                     | US 2002052379 A1           | 02-05-2002          |